

**Gregory, Bernarr**

---

**From:** PLUS  
**Sent:** Thursday, February 10, 2005 2:07 PM  
**To:** Gregory, Bernarr  
**Subject:** PLUS Results for 10796855

Here are the PLUS search results for 10796855.

This search was prepared by the staff of the Scientific and Technical Information Center, SIRA. If you have questions or comments about this search, please reply via email to PLUS@uspto.gov.



10796855\_QUAL.txt



10796855\_LIST.txt



10796855\_WEST.txt



10796855\_EAST.txt



10796855.east



10796855\_CLS.txt



10796855\_CLSTITLES.t

xt



10796855\_WDS.txt

10796855\_QUAL

5014061 77  
6388360 72  
6433671 72  
4802216 68  
5218365 66  
5552788 65  
6025795 65  
5198823 65  
5247304 65  
5525993 65  
5648862 65  
5751220 65  
6060815 65  
5463398 64  
5623268 64  
6259991 64  
6424916 64  
5424746 62  
5506590 62  
4388624 62  
4918458 61  
6545632 60  
4364049 60  
4532617 60  
5444448 60  
5469172 60  
6107910 60  
5528244 58  
5262784 58  
4566009 57  
3922673 57  
5686722 57  
5966227 57  
4359733 56  
4963887 56  
4609905 55  
4806938 55  
5280286 55  
5519381 55  
5726630 55  
5952935 55  
6784827 54  
5196856 54  
3790943 54  
5396698 54  
5638080 54  
4314246 53  
4321586 53

10796855\_QUAL

5382957 53  
6092722 53  
5302954 53  
5339073 53  
5341140 53  
5808577 53  
5950564 53  
6091342 53  
6456225 53  
6531957 53  
6580358 53  
5579008 52  
5793324 52  
6170748 52  
4495596 52  
5179384 52  
5387915 52  
5485154 52  
5831551 52  
5986382 52  
6348856 52  
4470049 50  
4476459 50  
5920285 50  
4442430 50  
4314247 50  
3792471 50  
4296414 50  
4605929 50  
4625208 50  
4628319 50  
5185725 50  
5223847 50  
6314366 50  
4782345 50  
6727803 50  
6774766 50  
4247858 49  
4319243 49  
4376937 49  
5636123 49  
5822683 49  
5461921 48  
5995447 48  
6002639 48  
6021093 48  
5402469 48  
5952849 48

10796855\_QUAL

4779096 48  
4361911 48  
4425567 48  
4864158 48  
6587069 48  
4143369 47  
4384290 47  
5307349 47  
5425032 47  
4047179 47  
4104629 47  
5367303 47  
5594448 47  
5619207 47  
5626630 47  
5771021 47  
6130612 47  
6147606 47  
6246326 47  
6281794 47  
6657580 47  
5486830 46  
5933079 46  
3654395 46  
4633251 46  
5541604 46  
5650778 46  
6154501 46  
6317079 46  
6370475 46  
6405132 46  
6452989 46  
4274090 45  
5640151 45  
5686902 45  
5712512 45  
4511887 45  
4782450 45  
3705402 45  
3705385 45  
4015259 45  
4322729 45  
4396915 45  
4463706 45  
4975708 45  
5220329 45  
5289160 45  
5477225 45

10796855\_QUAL

5704352 45  
5751223 45  
5803015 45  
5887176 45  
5920277 45  
6046668 45  
6104290 45  
6114971 45  
6127938 45  
6202927 45  
6236911 45  
6356802 45  
6633226 45  
6774782 45  
5929777 44  
5220328 44  
4609922 44  
5410315 44  
5630216 44  
5646607 44  
5675925 43  
4309697 43  
4489276 43  
4519066 43  
4623877 43  
5001488 43  
5533045 43  
5869968 43  
6122490 43  
6476712 43  
4390880 43  
5231413 43  
5933099 43  
6114984 43  
3680090 43  
4070671 43  
4100544 43  
4363020 43  
4931788 43  
4942393 43  
4951057 43  
5182570 43  
5274392 43  
5319364 43  
5365235 43  
5412379 43  
5515036 43  
5838253 43

10796855\_QUAL

5892478 43  
6177858 43  
6236223 43  
6369772 43  
6614387 43  
6696923 43  
6630891 42  
5815076 42  
5376922 42  
5530358 42  
5801630 42  
5995046 42  
6121926 42  
5467082 42  
3697984 42  
3823400 42  
4275398 42  
4438435 42  
4531127 42  
4604733 42  
4604623 42  
4620191 42  
4625207 42  
4931664 42  
4980680 42  
4994798 42  
5206639 42  
5239310 42  
5294931 42  
5457461 42  
5510794 42  
5550548 42  
5680106 42  
5812065 42  
5959526 42  
6081222 42  
6535108 42  
5280285 41  
4429413 41  
4428670 41  
4445175 41  
4462052 41  
4504786 41  
4521776 41  
4833317 41  
4945421 41  
4962569 41  
5399875 41

10796855\_QUAL

5459451 41  
5493283 41  
5502447 41  
5530258 41  
5675725 41  
5814830 41  
5956654 41  
5963134 41  
6195006 41  
6232781 41  
6693539 41  
6744367 41  
6768444 41  
4144534 41  
4284991 41  
4316192 41  
4827395 41  
4862176 41  
5192954 41  
5334982 41  
5400031 41  
5701121 41  
6172596 41  
6184777 41  
6222480 41  
6222480 41  
6313783 41  
6369694 41  
6433729 41  
6218979 41  
6218979 41  
5455593 41  
5973653 41  
6154167 41  
6275045 41  
6437756 41  
6512488 41  
6515622 41  
6538615 41  
6642903 41  
6774859 41  
6845253 41  
4326298 40  
3631486 40  
3790721 40  
4331915 40  
4360912 40  
4376993 40

10796855\_QUAL

4392209 40  
4441302 40  
4553548 40  
4812982 40  
5182803 40  
5243338 40  
5252967 40  
5734326 40  
5745039 40  
5757672 40  
5856788 40  
5883882 40



55

PLUS Search Results for S/N 10796855, Searched February 10, 2005

The Patent Linguistics Utility System (PLUS) is a USPTO automated search

system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are

most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

5014061	5302954	6587069	6104290	5376922	6693539
6388360	5339073	4143369	6114971	5530358	6744367
6433671	5341140	4384290	6127938	5801630	6768444
4802216	5808577	5307349	6202927	5995046	4144534
5218365	5950564	5425032	6236911	6121926	4284991
5552788	6091342	4047179	6356802	5467082	4316192
6025795	6456225	4104629	6633226	3697984	4827395
5198823	6531957	5367303	6774782	3823400	4862176
5247304	6580358	5594448	5929777	4275398	5192954
5525993	5579008	5619207	5220328	4438435	5334982
5648862	5793324	5626630	4609922	4531127	5400031
5751220	6170748	5771021	5410315	4604733	5701121
6060815	4495596	6130612	5630216	4604623	6172596
5463398	5179384	6147606	5646607	4620191	6184777
5623268	5387915	6246326	5675925	4625207	6222480
6259991	5485154	6281794	4309697	4931664	6222480
6424916	5831551	6657580	4489276	4980680	6313783
5424746	5986382	5486830	4519066	4994798	6369694
5506590	6348856	5933079	4623877	5206639	6433729
4388624	4470049	3654395	5001488	5239310	6218979
4918458	4476459	4633251	5533045	5294931	6218979
6545632	5920285	5541604	5869968	5457461	5455593
4364049	4442430	5650778	6122490	5510794	5973653
4532617	4314247	6154501	6476712	5550548	6154167
5444448	3792471	6317079	4390880	5680106	6275045
5469172	4296414	6370475	5231413	5812065	6437756
6107910	4605929	6405132	5933099	5959526	6512488
5528244	4625208	6452989	6114984	6081222	6515622
5262784	4628319	4274090	3680090	6535108	6538615
4566009	5185725	5640151	4070671	5280285	6642903
3922673	5223847	5686902	4100544	4429413	6774859
5686722	6314366	5712512	4363020	4428670	6845253
5966227	4782345	4511887	4931788	4445175	4326298
4359733	6727803	4782450	4942393	4462052	3631486
4963887	6774766	3705402	4951057	4504786	3790721

10796855\_LIST

4609905	4247858	3705385	5182570	4521776	4331915
4806938	4319243	4015259	5274392	4833317	4360912
5280286	4376937	4322729	5319364	4945421	4376993
5519381	5636123	4396915	5365235	4962569	4392209
5726630	5822683	4463706	5412379	5399875	4441302
5952935	5461921	4975708	5515036	5459451	4553548
6784827	5995447	5220329	5838253	5493283	4812982
5196856	6002639	5289160	5892478	5502447	5182803
3790943	6021093	5477225	6177858	5530258	5243338
5396698	5402469	5704352	6236223	5675725	5252967
5638080	5952849	5751223	6369772	5814830	5734326
4314246	4779096	5803015	6614387	5956654	5745039
4321586	4361911	5887176	6696923	5963134	5757672
5382957	4425567	5920277	6630891	6195006	5856788
6092722	4864158	6046668	5815076	6232781	5883882

10796855 WEST

(5014061 6388360 6433671 4802216 5218365 5552788 6025795 5198823 52473  
04 5525993 5648862 5751220 6060815 5463398 5623268 6259991 6424916 542  
4746 5506590 4388624 4918458 6545632 4364049 4532617 5444448 5469172 6  
107910 5528244 5262784 4566009 3922673 5686722 5966227 4359733 4963887  
4609905 4806938 5280286 5519381 5726630 5952935 6784827 5196856 37909  
43 5396698 5638080 4314246 4321586 5382957 6092722).pn.  
(5302954 5339073 5341140 5808577 5950564 6091342 6456225 6531957 65803  
58 5579008 5793324 6170748 4495596 5179384 5387915 5485154 5831551 598  
6382 6348856 4470049 4476459 5920285 4442430 4314247 3792471 4296414 4  
605929 4625208 4628319 5185725 5223847 6314366 4782345 6727803 6774766  
4247858 4319243 4376937 5636123 5822683 5461921 5995447 6002639 60210  
93 5402469 5952849 4779096 4361911 4425567 4864158).pn.  
(6587069 4143369 4384290 5307349 5425032 4047179 4104629 5367303 55944  
48 5619207 5626630 5771021 6130612 6147606 6246326 6281794 6657580 548  
6830 5933079 3654395 4633251 5541604 5650778 6154501 6317079 6370475 6  
405132 6452989 4274090 5640151 5686902 5712512 4511887 4782450 3705402  
3705385 4015259 4322729 4396915 4463706 4975708 5220329 5289160 54772  
25 5704352 5751223 5803015 5887176 5920277 6046668).pn.  
(6104290 6114971 6127938 6202927 6236911 6356802 6633226 6774782 59297  
77 5220328 4609922 5410315 5630216 5646607 5675925 4309697 4489276 451  
9066 4623877 5001488 5533045 5869968 6122490 6476712 4390880 5231413 5  
933099 6114984 3680090 4070671 4100544 4363020 4931788 4942393 4951057  
5182570 5274392 5319364 5365235 5412379 5515036 5838253 5892478 61778  
58 6236223 6369772 6614387 6696923 6630891 5815076).pn.  
(5376922 5530358 5801630 5995046 6121926 5467082 3697984 3823400 42753  
98 4438435 4531127 4604733 4604623 4620191 4625207 4931664 4980680 499  
4798 5206639 5239310 5294931 5457461 5510794 5550548 5680106 5812065 5  
959526 6081222 6535108 5280285 4429413 4428670 4445175 4462052 4504786  
4521776 4833317 4945421 4962569 5399875 5459451 5493283 5502447 55302  
58 5675725 5814830 5956654 5963134 6195006 6232781).pn.  
(6693539 6744367 6768444 4144534 4284991 4316192 4827395 4862176 51929  
54 5334982 5400031 5701121 6172596 6184777 6222480 6222480 6313783 636  
9694 6433729 6218979 6218979 5455593 5973653 6154167 6275045 6437756 6  
512488 6515622 6538615 6642903 6774859 6845253 4326298 3631486 3790721  
4331915 4360912 4376993 4392209 4441302 4553548 4812982 5182803 52433  
38 5252967 5734326 5745039 5757672 5856788 5883882).pn.

10796855\_EAST

(5014061  
6388360  
6433671  
4802216  
5218365  
5552788  
6025795  
5198823  
5247304  
5525993  
5648862  
5751220  
6060815  
5463398  
5623268  
6259991  
6424916  
5424746  
5506590  
4388624  
4918458  
6545632  
4364049  
4532617  
5444448  
5469172  
6107910  
5528244  
5262784  
4566009  
3922673  
5686722  
5966227  
4359733  
4963887  
4609905  
4806938  
5280286  
5519381  
5726630  
5952935  
6784827  
5196856  
3790943  
5396698  
5638080  
4314246  
4321586

10796855\_EAST

5382957  
6092722) .pn.  
(5302954  
5339073  
5341140  
5808577  
5950564  
6091342  
6456225  
6531957  
6580358  
5579008  
5793324  
6170748  
4495596  
5179384  
5387915  
5485154  
5831551  
5986382  
6348856  
4470049  
4476459  
5920285  
4442430  
4314247  
3792471  
4296414  
4605929  
4625208  
4628319  
5185725  
5223847  
6314366  
4782345  
6727803  
6774766  
4247858  
4319243  
4376937  
5636123  
5822683  
5461921  
5995447  
6002639  
6021093  
5402469  
5952849

10796855\_EAST

4779096  
4361911  
4425567  
4864158) .pn.  
(6587069  
4143369  
4384290  
5307349  
5425032  
4047179  
4104629  
5367303  
5594448  
5619207  
5626630  
5771021  
6130612  
6147606  
6246326  
6281794  
6657580  
5486830  
5933079  
3654395  
4633251  
5541604  
5650778  
6154501  
6317079  
6370475  
6405132  
6452989  
4274090  
5640151  
5686902  
5712512  
4511887  
4782450  
3705402  
3705385  
4015259  
4322729  
4396915  
4463706  
4975708  
5220329  
5289160  
5477225

10796855\_EAST

5704352  
5751223  
5803015  
5887176  
5920277  
6046668) .pn.  
(6104290  
6114971  
6127938  
6202927  
6236911  
6356802  
6633226  
6774782  
5929777  
5220328  
4609922  
5410315  
5630216  
5646607  
5675925  
4309697  
4489276  
4519066  
4623877  
5001488  
5533045  
5869968  
6122490  
6476712  
4390880  
5231413  
5933099  
6114984  
3680090  
4070671  
4100544  
4363020  
4931788  
4942393  
4951057  
5182570  
5274392  
5319364  
5365235  
5412379  
5515036  
5838253

10796855\_EAST

5892478  
6177858  
6236223  
6369772  
6614387  
6696923  
6630891  
5815076) .pn.  
(5376922  
5530358  
5801630  
5995046  
6121926  
5467082  
3697984  
3823400  
4275398  
4438435  
4531127  
4604733  
4604623  
4620191  
4625207  
4931664  
4980680  
4994798  
5206639  
5239310  
5294931  
5457461  
5510794  
5550548  
5680106  
5812065  
5959526  
6081222  
6535108  
5280285  
4429413  
4428670  
4445175  
4462052  
4504786  
4521776  
4833317  
4945421  
4962569  
5399875



10796855\_EAST

5459451  
5493283  
5502447  
5530258  
5675725  
5814830  
5956654  
5963134  
6195006  
6232781) .pn.  
(6693539  
6744367  
6768444  
4144534  
4284991  
4316192  
4827395  
4862176  
5192954  
5334982  
5400031  
5701121  
6172596  
6184777  
6222480  
6222480  
6313783  
6369694  
6433729  
6218979  
6218979  
5455593  
5973653  
6154167  
6275045  
6437756  
6512488  
6515622  
6538615  
6642903  
6774859  
6845253  
4326298  
3631486  
3790721  
4331915  
4360912  
4376993

10796855\_EAST

4392209  
4441302  
4553548  
4812982  
5182803  
5243338  
5252967  
5734326  
5745039  
5757672  
5856788  
5883882) .pn.

10796855\_CLS

Most Frequently Occurring Classifications of Patents Returned  
From A Search of 10796855 on February 10, 2005

Original Classifications

14	342/45
11	342/44
9	340/10.2
9	340/572.1
9	342/51
8	340/10.1
8	342/42
7	342/43
6	342/37
4	340/10.34
4	340/10.41
4	340/447
4	342/30
4	342/32
4	342/40
4	343/795
3	250/577
3	324/338
3	340/10.33
3	340/572.2
3	340/572.4
3	340/572.7
3	340/870.02
3	342/36
3	342/373
3	342/46
3	701/301
2	235/451
2	340/10.3
2	340/10.31
2	340/10.32
2	340/5.61
2	340/505
2	342/28
2	342/368
2	342/39
2	342/399
2	342/450
2	343/727
2	343/786
2	343/866
2	367/35
2	367/6

2 701/300

## Cross-Reference Classifications

28 342/44  
23 342/51  
17 342/42  
13 342/32  
12 342/45  
12 342/50  
11 340/10.41  
11 340/825.49  
11 342/37  
10 340/10.1  
10 340/505  
10 340/572.1  
9 340/10.3  
9 340/10.4  
8 340/10.42  
8 342/46  
7 340/10.51  
6 235/380  
6 340/572.4  
6 340/572.7  
6 342/30  
6 342/463  
5 235/385  
5 310/313B  
5 310/313R  
5 340/825.72  
5 342/175  
5 398/108  
4 310/313D  
4 340/10.33  
4 340/5.72  
4 340/5.8  
4 340/539.1  
4 340/571  
4 340/825.69  
4 340/870.16  
4 342/39  
4 342/40  
4 342/455  
4 455/517  
3 73/146.5  
3 235/375  
3 333/154  
3 340/10.2  
3 340/10.5

3 340/10.6  
3 340/3.51  
3 340/518  
3 340/572.5  
3 340/903  
3 342/13  
3 342/195  
3 342/22  
3 342/357.08  
3 342/43  
3 342/457  
3 343/771  
3 700/225  
2 119/14.03  
2 235/492  
2 307/10.5  
2 333/196  
2 340/10.34  
2 340/10.52  
2 340/425.5  
2 340/426.28  
2 340/445  
2 340/539.13  
2 340/551  
2 340/568.1  
2 340/568.8  
2 340/572.2  
2 340/573.1  
2 340/7.21  
2 340/7.5  
2 340/825.37  
2 340/825.56  
2 340/904  
2 341/176  
2 342/116  
2 342/145  
2 342/169  
2 342/198  
2 342/29  
2 342/357.1  
2 342/36  
2 342/368  
2 342/372  
2 342/432  
2 342/456  
2 342/458  
2 342/465  
2 342/47

10796855\_CLS

2 342/57  
2 342/58  
2 342/59  
2 342/6  
2 342/89  
2 343/700MS  
2 343/719  
2 343/741  
2 343/853  
2 343/860  
2 343/865  
2 343/873  
2 343/876  
2 346/14MR  
2 361/172  
2 367/25  
2 367/6  
2 367/86  
2 375/267  
2 380/258  
2 398/106  
2 398/170  
2 455/103  
2 455/106  
2 455/137  
2 455/61  
2 455/78  
2 701/213  
2 701/215  
2 701/217  
2 701/301  
2 968/DIG 1

#### Combined Classifications

39 342/44  
32 342/51  
26 342/45  
25 342/42  
19 340/572.1  
18 340/10.1  
17 342/32  
17 342/37  
15 340/10.41  
13 342/50  
12 340/10.2  
12 340/505  
12 340/825.49  
11 340/10.3

11 342/46  
10 340/10.4  
10 342/30  
10 342/43  
9 340/10.42  
9 340/572.4  
9 340/572.7  
8 342/40  
7 340/10.33  
7 340/10.51  
7 342/463  
6 235/380  
6 310/313R  
6 340/10.34  
6 340/825.72  
6 342/39  
6 398/108  
5 235/385  
5 310/313B  
5 310/313D  
5 340/5.8  
5 340/572.2  
5 342/175  
5 342/36  
5 342/455  
5 701/301  
4 235/375  
4 340/447  
4 340/5.72  
4 340/539.1  
4 340/571  
4 340/572.5  
4 340/825.69  
4 340/870.02  
4 340/870.16  
4 342/22  
4 342/368  
4 343/795  
4 367/6  
4 455/517  
3 73/146.5  
3 250/577  
3 324/338  
3 333/154  
3 340/10.32  
3 340/10.5  
3 340/10.6  
3 340/3.51

3 340/5.61  
3 340/518  
3 340/903  
3 342/13  
3 342/195  
3 342/29  
3 342/357.08  
3 342/373  
3 342/457  
3 342/47  
3 342/57  
3 343/700MS  
3 343/727  
3 343/771  
3 343/866  
3 367/25  
3 367/35  
3 700/225  
3 701/300  
2 119/14.03  
2 119/51.02  
2 235/451  
2 235/492  
2 307/10.5  
2 333/195  
2 333/196  
2 340/10.31  
2 340/10.52  
2 340/425.5  
2 340/426.28  
2 340/445  
2 340/5.64  
2 340/539.13  
2 340/551  
2 340/568.1  
2 340/568.8  
2 340/573.1  
2 340/7.21  
2 340/7.5  
2 340/825.37  
2 340/825.56  
2 340/870.03  
2 340/870.31  
2 340/904  
2 340/905  
2 340/961  
2 341/176  
2 342/116



10796855\_CLS

2 342/145  
2 342/149  
2 342/169  
2 342/198  
2 342/28  
2 342/357.1  
2 342/372  
2 342/374  
2 342/399  
2 342/417  
2 342/432  
2 342/450  
2 342/453  
2 342/456  
2 342/458  
2 342/465  
2 342/58  
2 342/59  
2 342/6  
2 342/89  
2 342/97  
2 343/719  
2 343/725  
2 343/741  
2 343/786  
2 343/788  
2 343/833  
2 343/853  
2 343/860  
2 343/865  
2 343/873  
2 343/876  
2 346/14MR  
2 361/172  
2 367/86  
2 375/267  
2 375/347  
2 380/258  
2 398/106  
2 398/170  
2 455/103  
2 455/106  
2 455/137  
2 455/61  
2 455/78  
2 700/9  
2 701/207  
2 701/213

10796855\_CLS

2 701/215  
2 701/217  
2 968/DIG 1

10796855\_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 10796855 on February 10, 2005

39	342/44	(11 OR, 28 XR)
	Class	342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
	342/42	RADAR TRANSPONDER SYSTEM
	342/44	.Unique identity
32	342/51	(9 OR, 23 XR)
	Class	342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
	342/42	RADAR TRANSPONDER SYSTEM
	342/51	.Radar transponder only
26	342/45	(14 OR, 12 XR)
	Class	342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
	342/42	RADAR TRANSPONDER SYSTEM
	342/45	.IFF or SIF
25	342/42	(8 OR, 17 XR)
	Class	342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
	342/42	RADAR TRANSPONDER SYSTEM
19	340/572.1	(9 OR, 10 XR)
	Class	340 : COMMUNICATIONS: ELECTRICAL
	340/500	CONDITION RESPONSIVE INDICATING SYSTEM
	340/540	.Specific condition
	340/568.1	..Article placement or removal (e.g., anti-theft)
	340/572.1	...Detectable device on protected article (e.g., "tag")
18	340/10.1	(8 OR, 10 XR)
	Class	340 : COMMUNICATIONS: ELECTRICAL
	340/825	SELECTIVE
	340/10.1	.Interrogation response
17	342/32	(4 OR, 13 XR)
	Class	342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
	342/29	AIRCRAFT COLLISION AVOIDANCE SYSTEM (CAS)
	342/30	.With transponder
	342/32	..Included in Secondary Surveillance Radar (SSR)

10796855\_CLSTITLES

)

or Air Traffic Control Radio Beacon System  
(ATCRBS)

17 342/37 (6 OR, 11 XR)  
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS  
AND DEVICES  
342/36 AIR TRAFFIC CONTROL  
342/37 .Secondary Surveillance Radar (SSR) or Air  
Traffic Control Radar Beacon System (ATCRBS)

)

15 340/10.41 (4 OR, 11 XR)  
Class 340 : COMMUNICATIONS: ELECTRICAL  
340/825 SELECTIVE  
340/10.1 .Interrogation response  
340/10.4 ..Response signal detail  
340/10.41 ...Combination response

13 342/50 (1 OR, 12 XR)  
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS  
AND DEVICES  
342/42 RADAR TRANSPONDER SYSTEM  
342/50 .With Telemetry

12 340/10.2 (9 OR, 3 XR)  
Class 340 : COMMUNICATIONS: ELECTRICAL  
340/825 SELECTIVE  
340/10.1 .Interrogation response  
340/10.2 ..Contention avoidance

12 340/505 (2 OR, 10 XR)  
Class 340 : COMMUNICATIONS: ELECTRICAL  
340/500 CONDITION RESPONSIVE INDICATING SYSTEM  
340/501 .With particular system function (e.g.,  
temperature compensation, calibration)  
340/505 ..Interrogator-responder

12 340/825.49 (1 OR, 11 XR)  
Class 340 : COMMUNICATIONS: ELECTRICAL  
340/825 SELECTIVE  
340/825.36 .Having indication or alarm (e.g., location  
indication)  
340/825.49 ..Location indication

11 340/10.3 (2 OR, 9 XR)  
Class 340 : COMMUNICATIONS: ELECTRICAL  
340/825 SELECTIVE

10796855\_CLSTITLES

340/10.1 .Interrogation response  
340/10.3 ..Interrogation signal detail

11 342/46 (3 OR, 8 XR)  
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS  
AND DEVICES  
342/42 RADAR TRANSPONDER SYSTEM  
342/46 .Navigational

10 340/10.4 (1 OR, 9 XR)  
Class 340 : COMMUNICATIONS: ELECTRICAL  
340/825 SELECTIVE  
340/10.1 .Interrogation response  
340/10.4 ..Response signal detail

10 342/30 (4 OR, 6 XR)  
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS  
AND DEVICES  
342/29 AIRCRAFT COLLISION AVOIDANCE SYSTEM (CAS)  
342/30 .With transponder

10 342/43 (7 OR, 3 XR)  
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS  
AND DEVICES  
342/42 RADAR TRANSPONDER SYSTEM  
342/43 .Combined with primary radar system

9 340/10.42 (1 OR, 8 XR)  
Class 340 : COMMUNICATIONS: ELECTRICAL  
340/825 SELECTIVE  
340/10.1 .Interrogation response  
340/10.4 ..Response signal detail  
340/10.42 ...Identification only

9 340/572.4 (3 OR, 6 XR)  
Class 340 : COMMUNICATIONS: ELECTRICAL  
340/500 CONDITION RESPONSIVE INDICATING SYSTEM  
340/540 .Specific condition  
340/568.1 ..Article placement or removal (e.g.,  
anti-theft)  
340/572.1 ...Detectable device on protected article  
(e.g., "tag")  
340/572.4 ....Specified processing arrangement for  
detected signal

9 340/572.7 (3 OR, 6 XR)  
Class 340 : COMMUNICATIONS: ELECTRICAL  
340/500 CONDITION RESPONSIVE INDICATING SYSTEM

10796855\_CLSTITLES  
 340/540 .Specific condition  
 340/568.1 ..Article placement or removal (e.g.,  
           anti-theft)  
 340/572.1 ...Detectable device on protected article  
           (e.g., "tag")  
 340/572.7 ....Specified antenna structure

8 342/40 (4 OR, 4 XR)  
     Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS  
                   AND DEVICES  
     342/36 AIR TRAFFIC CONTROL  
     342/37 .Secondary Surveillance Radar (SSR) or Air  
             Traffic Control Radar Beacon System (ATCRB)

S)

342/40 ..With defruiting or degarbling

7 340/10.33 (3 OR, 4 XR)  
     Class 340 : COMMUNICATIONS: ELECTRICAL  
     340/825 SELECTIVE  
     340/10.1 .Interrogation response  
     340/10.3 ..Interrogation signal detail  
     340/10.33 ...Wake up (all call)

7 340/10.51 (0 OR, 7 XR)  
     Class 340 : COMMUNICATIONS: ELECTRICAL  
     340/825 SELECTIVE  
     340/10.1 .Interrogation response  
     340/10.5 ..Additional control  
     340/10.51 ...Programming (e.g., read/write)

7 342/463 (1 OR, 6 XR)  
     Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS  
                   AND DEVICES  
     342/350 DIRECTIVE  
     342/450 .Position indicating (e.g., triangulation)  
     342/463 ..Having plural transmitters or receivers

6 235/380 (0 OR, 6 XR)  
     Class 235 : REGISTERS  
     235/375 SYSTEMS CONTROLLED BY DATA BEARING RECORDS  
     235/380 .Credit or identification card systems

6 310/313R (1 OR, 5 XR)  
     Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
     310/300 NON-DYNAMOELECTRIC  
     310/311 .Piezoelectric elements and devices  
     310/313R ..Surface acoustic wave devices

10796855\_CLSTITLES

- 6 340/10.34 (4 OR, 2 XR)  
     Class 340 : COMMUNICATIONS: ELECTRICAL  
     340/825 SELECTIVE  
     340/10.1 .Interrogation response  
     340/10.3 ..Interrogation signal detail  
     340/10.34 ...Power up
- 6 340/825.72 (1 OR, 5 XR)  
     Class 340 : COMMUNICATIONS: ELECTRICAL  
     340/825 SELECTIVE  
     340/825.71 .Frequency responsive actuation  
     340/825.72 ..Wireless link
- 6 342/39 (2 OR, 4 XR)  
     Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS  
                     AND DEVICES  
     342/36 AIR TRAFFIC CONTROL  
     342/37 .Secondary Surveillance Radar (SSR) or Air  
                     Traffic Control Radar Beacon System (ATCRB  
 S) 342/39 ..With side lobe suppression
- 6 398/108 (1 OR, 5 XR)  
     Class 398 : OPTICAL COMMUNICATIONS  
     398/106 REMOTE CONTROL  
     398/107 .Bidirectional (i.e., monitoring or  
                     acknowledge)  
     398/108 ..Interrogator system
- 5 235/385 (0 OR, 5 XR)  
     Class 235 : REGISTERS  
     235/375 SYSTEMS CONTROLLED BY DATA BEARING RECORDS  
     235/385 .Inventory
- 5 310/313B (0 OR, 5 XR)  
     Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
     310/300 NON-DYNAMOELECTRIC  
     310/311 .Piezoelectric elements and devices  
     310/313R ..Surface acoustic wave devices  
     310/313B ...Interdigitated electrodes
- 5 310/313D (1 OR, 4 XR)  
     Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
     310/300 NON-DYNAMOELECTRIC  
     310/311 .Piezoelectric elements and devices  
     310/313R ..Surface acoustic wave devices  
     310/313B ...Interdigitated electrodes  
     310/313D ....Grating or reflector in wave path

10796855\_CLSTITLES

5 340/5.8 (1 OR, 4 XR)  
 Class 340 : COMMUNICATIONS: ELECTRICAL  
 340/825 SELECTIVE  
 340/5.1 .Intelligence comparison for controlling  
 340/5.8 ..Authentication (e.g., identity)

5 340/572.2 (3 OR, 2 XR)  
 Class 340 : COMMUNICATIONS: ELECTRICAL  
 340/500 CONDITION RESPONSIVE INDICATING SYSTEM  
 340/540 .Specific condition  
 340/568.1 ..Article placement or removal (e.g.,  
 anti-theft)  
 340/572.1 ...Detectable device on protected article  
 (e.g., "tag")  
 340/572.2 ....Specified relationship between field and  
 detection frequencies (e.g., nth order harm  
 onics)

5 342/175 (0 OR, 5 XR)  
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS  
 AND DEVICES  
 342/175 WITH PARTICULAR CIRCUIT

5 342/36 (3 OR, 2 XR)  
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS  
 AND DEVICES  
 342/36 AIR TRAFFIC CONTROL

5 342/455 (1 OR, 4 XR)  
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS  
 AND DEVICES  
 342/350 DIRECTIVE  
 342/450 .Position indicating (e.g., triangulation)  
 342/454 ..Traffic  
 342/455 ...Having collision avoidance

5 701/301 (3 OR, 2 XR)  
 Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND  
 RELATIVE LOCATION  
 701/300 RELATIVE LOCATION  
 701/301 .Collision avoidance

4 235/375 (1 OR, 3 XR)  
 Class 235 : REGISTERS  
 235/375 SYSTEMS CONTROLLED BY DATA BEARING RECORDS

4 340/447 (4 OR, 0 XR)



10796855\_CLSTITLES

- Class 340 : COMMUNICATIONS: ELECTRICAL
  - 340/425.5 LAND VEHICLE ALARMS OR INDICATORS
  - 340/438 .Internal alarm or indicator responsive to a  
condition of the vehicle
  - 340/442 ..Tire deflation or inflation
  - 340/445 ...With particular telemetric coupling
  - 340/447 ....Radio wave
- 4 340/5.72 (0 OR, 4 XR)
- Class 340 : COMMUNICATIONS: ELECTRICAL
  - 340/825 SELECTIVE
  - 340/5.1 .Intelligence comparison for controlling
  - 340/5.2 ..Authorization control (e.g., entry into an  
area)
  - 340/5.7 ...Access barrier
  - 340/5.72 ....Vehicle door
- 4 340/539.1 (0 OR, 4 XR)
- Class 340 : COMMUNICATIONS: ELECTRICAL
  - 340/500 CONDITION RESPONSIVE INDICATING SYSTEM
  - 340/531 .With particular coupling link
  - 340/539.1 ..Radio
- 4 340/571 (0 OR, 4 XR)
- Class 340 : COMMUNICATIONS: ELECTRICAL
  - 340/500 CONDITION RESPONSIVE INDICATING SYSTEM
  - 340/540 .Specific condition
  - 340/568.1 ..Article placement or removal (e.g.,  
anti-theft)
  - 340/571 ...Alarm on protected article
- 4 340/572.5 (1 OR, 3 XR)
- Class 340 : COMMUNICATIONS: ELECTRICAL
  - 340/500 CONDITION RESPONSIVE INDICATING SYSTEM
  - 340/540 .Specific condition
  - 340/568.1 ..Article placement or removal (e.g.,  
anti-theft)
  - 340/572.1 ...Detectable device on protected article  
(e.g., "tag")
  - 340/572.5 ....Having tuned resonant circuit
- 4 340/825.69 (0 OR, 4 XR)
- Class 340 : COMMUNICATIONS: ELECTRICAL
  - 340/825 SELECTIVE
  - 340/825.57 .Pulse responsive actuation
  - 340/825.62 ..Serial
  - 340/825.69 ...Radio link

```

4  340/870.02      (3 OR, 1 XR)
      Class 340 : COMMUNICATIONS: ELECTRICAL
      340/870.01 CONTINUOUSLY VARIABLE INDICATING (E.G.,
                  TELEMETERING)
      340/870.02 .With meter reading

4  340/870.16      (0 OR, 4 XR)
      Class 340 : COMMUNICATIONS: ELECTRICAL
      340/870.01 CONTINUOUSLY VARIABLE INDICATING (E.G.,
                  TELEMETERING)
      340/870.16 .Condition responsive

4  342/22          (1 OR, 3 XR)
      Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
                  AND DEVICES
      342/22      TRANSMISSION THROUGH MEDIA OTHER THAN AIR OR
                  FREE SPACE

4  342/368         (2 OR, 2 XR)
      Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
                  AND DEVICES
      342/350     DIRECTIVE
      342/368     .Including a steerable array

4  343/795         (4 OR, 0 XR)
      Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS
      343/700R     ANTENNAS
      343/793     .Balanced doublet - centerfed (e.g., dipole)
      343/795     ..Sheet or wing type

4  367/6           (2 OR, 2 XR)
      Class 367 : COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE
                  SYSTEMS AND DEVICES
      367/2       TRANSPONDERS
      367/6       .With plurality of transponders

4  455/517         (0 OR, 4 XR)
      Class 455 : TELECOMMUNICATIONS
      455/39      TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

      455/500     .Plural transmitters or receivers (i.e., more
                  than two stations)
      455/507     ..Central station (e.g., master, etc.)
      455/517     ...To or from mobile station

3  73/146.5        (0 OR, 3 XR)
      Class 073 : MEASURING AND TESTING
      73/146      TIRE, TREAD OR ROADWAY

```

10796855\_CLSTITLES

73/146.2 .Tire inflation testing installation  
73/146.3 ..By direct fluid pressure reading  
73/146.4 ...Telemetric (e.g., indicator on cowl)  
73/146.5 ....Electric

3 250/577 (3 OR, 0 XR)  
Class 250 : RADIANT ENERGY  
250/200 PHOTOCELLS; CIRCUITS AND APPARATUS  
250/216 .Optical or pre-photocell system  
250/573 ..Fluent material in optical path  
250/577 ...Volume or level

3 324/338 (3 OR, 0 XR)  
Class 324 : ELECTRICITY: MEASURING AND TESTING  
324/323 OF GEOPHYSICAL SURFACE OR SUBSURFACE IN SITU  
324/332 .With radiant energy or nonconductive-type  
transmitter  
324/334 ..With separate pickup  
324/338 ...Within a borehole

3 333/154 (0 OR, 3 XR)  
Class 333 : WAVE TRANSMISSION LINES AND NETWORKS  
333/24R COUPLING NETWORKS  
333/150 .Delay lines including elastic surface wave  
propagation means  
333/154 ..Significant transmitting or receiving  
transducer structure

3 340/10.32 (2 OR, 1 XR)  
Class 340 : COMMUNICATIONS: ELECTRICAL  
340/825 SELECTIVE  
340/10.1 .Interrogation response  
340/10.3 ..Interrogation signal detail  
340/10.32 ...Group call

3 340/10.5 (0 OR, 3 XR)  
Class 340 : COMMUNICATIONS: ELECTRICAL  
340/825 SELECTIVE  
340/10.1 .Interrogation response  
340/10.5 ..Additional control

3 340/10.6 (0 OR, 3 XR)  
Class 340 : COMMUNICATIONS: ELECTRICAL  
340/825 SELECTIVE  
340/10.1 .Interrogation response  
340/10.6 ..Printout or display

3 340/3.51 (0 OR, 3 XR)

10796855\_CLSTITLES

Class 340 : COMMUNICATIONS: ELECTRICAL  
340/825 SELECTIVE

340/3.1 .Monitoring in addition to control (e.g.,  
supervisory)

340/3.5 ..Including addressing

340/3.51 ...Polling or roll call

3 340/5.61 (2 OR, 1 XR)

Class 340 : COMMUNICATIONS: ELECTRICAL  
340/825 SELECTIVE

340/5.1 .Intelligence comparison for controlling

340/5.2 ..Authorization control (e.g., entry into an  
area)

340/5.6 ...Coded record input (e.g., IC card or key)

340/5.61 ....Wireless transceiver

3 340/518 (0 OR, 3 XR)

Class 340 : COMMUNICATIONS: ELECTRICAL

340/500 CONDITION RESPONSIVE INDICATING SYSTEM

340/501 .With particular system function (e.g.,  
temperature compensation, calibration)

340/517 ..Selection from a plurality of sensed  
conditions

340/518 ...Scanning

3 340/903 (0 OR, 3 XR)

Class 340 : COMMUNICATIONS: ELECTRICAL

340/901 EXTERNAL CONDITION VEHICLE-MOUNTED INDICATOR O

R

ALARM

340/902 .Transmitter in another vehicle (e.g.,  
emergency vehicle)

340/903 ..Relative distance between vehicles (e.g.,  
collision alert)

3 342/13 (0 OR, 3 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS  
AND DEVICES

342/13 RADAR EW (ELECTRONIC WARFARE)

3 342/195 (0 OR, 3 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS  
AND DEVICES

342/175 WITH PARTICULAR CIRCUIT

342/195 .Digital processing

3 342/29 (1 OR, 2 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS

10796855\_CLSTITLES  
AND DEVICES

342/29                   AIRCRAFT COLLISION AVOIDANCE SYSTEM (CAS)

3   342/357.08       (0 OR, 3 XR)  
       Class    342 :   COMMUNICATIONS:   DIRECTIVE RADIO WAVE SYSTEMS  
   AND DEVICES  
       342/350       DIRECTIVE  
       342/352       .Including a satellite  
       342/357.01     ..With position indicating  
       342/357.06     ...Using Global Positioning Satellite (GPS or  
   Glonass)  
       342/357.08     ....Determining relative position (e.g.,  
   distance or direction)

3   342/373           (3 OR, 0 XR)  
       Class    342 :   COMMUNICATIONS:   DIRECTIVE RADIO WAVE SYSTEMS  
   AND DEVICES  
       342/350       DIRECTIVE  
       342/368       .Including a steerable array  
       342/373       ..With a matrix

3   342/457           (0 OR, 3 XR)  
       Class    342 :   COMMUNICATIONS:   DIRECTIVE RADIO WAVE SYSTEMS  
   AND DEVICES  
       342/350       DIRECTIVE  
       342/450       .Position indicating (e.g., triangulation)  
       342/457       ..Land vehicle location (e.g., bus, police car)

3   342/47            (1 OR, 2 XR)  
       Class    342 :   COMMUNICATIONS:   DIRECTIVE RADIO WAVE SYSTEMS  
   AND DEVICES  
       342/42        RADAR TRANSPONDER SYSTEM  
       342/46        .Navigational  
       342/47        ..Distance measuring equipment (DME)

3   342/57            (1 OR, 2 XR)  
       Class    342 :   COMMUNICATIONS:   DIRECTIVE RADIO WAVE SYSTEMS  
   AND DEVICES  
       342/52        COMBINED WITH DIVERSE TYPE RADIANT ENERGY  
   SYSTEM  
       342/57        .With radio voice communication

3   343/700MS        (1 OR, 2 XR)  
       Class    343 :   COMMUNICATIONS:   RADIO WAVE ANTENNAS  
       343/700R       ANTENNAS  
       343/700MS     .Microstrip

10796855\_CLSTITLES

3 343/727 (2 OR, 1 XR)  
     Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS  
     343/700R ANTENNAS  
     343/725 .Plural separate diverse type  
     343/727 ..Including balanced doublet-type antenna

3 343/771 (0 OR, 3 XR)  
     Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS  
     343/700R ANTENNAS  
     343/767 .Slot type  
     343/770 ..Plural  
     343/771 ...With wave guide coupling

3 343/866 (2 OR, 1 XR)  
     Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS  
     343/700R ANTENNAS  
     343/866 .Loop type

3 367/25 (1 OR, 2 XR)  
     Class 367 : COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE  
                   SYSTEMS AND DEVICES  
     367/14 SEISMIC PROSPECTING  
     367/25 .Well logging

3 367/35 (2 OR, 1 XR)  
     Class 367 : COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE  
                   SYSTEMS AND DEVICES  
     367/14 SEISMIC PROSPECTING  
     367/25 .Well logging  
     367/35 ..Borehole or casing condition

3 700/225 (0 OR, 3 XR)  
     Class 700 : DATA PROCESSING: GENERIC CONTROL SYSTEMS OR  
                   SPECIFIC APPLICATIONS  
     700/90 SPECIFIC APPLICATION, APPARATUS OR PROCESS  
     700/213 .Article handling  
     700/225 ..Having an identification code

3 701/300 (2 OR, 1 XR)  
     Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND  
                   RELATIVE LOCATION  
     701/300 RELATIVE LOCATION

2 119/14.03 (0 OR, 2 XR)  
     Class 119 : ANIMAL HUSBANDRY  
     119/14.01 MILKERS  
     119/14.03 .Milking station arrangements; e.g., parlors

# 10796855\_CLSTITLES

2 119/51.02 (1 OR, 1 XR)  
 Class 119 : ANIMAL HUSBANDRY  
 119/51.01 FEEDING DEVICE  
 119/51.02 .Having electronic identification and feed control

2 235/451 (2 OR, 0 XR)  
 Class 235 : REGISTERS  
 235/435 CODED RECORD SENSORS  
 235/439 .Particular sensor structure  
 235/451 ..Capacitive

2 235/492 (0 OR, 2 XR)  
 Class 235 : REGISTERS  
 235/487 RECORDS  
 235/492 .Conductive

2 307/10.5 (0 OR, 2 XR)  
 Class 307 : ELECTRICAL TRANSMISSION OR INTERCONNECTION SYSTEMS  
 307/9.1 VEHICLE MOUNTED SYSTEMS  
 307/10.1 .Automobile  
 307/10.2 ..Antitheft  
 307/10.3 ...Ignition or starting circuit lock  
 307/10.5 ....Coded record input (e.g., IC card)

2 333/195 (1 OR, 1 XR)  
 Class 333 : WAVE TRANSMISSION LINES AND NETWORKS  
 333/24R COUPLING NETWORKS  
 333/186 .Electromechanical filter  
 333/193 ..Using surface acoustic waves  
 333/195 ...With wave-modifying means (e.g., reflectors

, resonators, diffractors, multistrip couplers, etc.)

2 333/196 (0 OR, 2 XR)  
 Class 333 : WAVE TRANSMISSION LINES AND NETWORKS  
 333/24R COUPLING NETWORKS  
 333/186 .Electromechanical filter  
 333/193 ..Using surface acoustic waves  
 333/196 ...With response weighting means

2 340/10.31 (2 OR, 0 XR)  
 Class 340 : COMMUNICATIONS: ELECTRICAL  
 340/825 SELECTIVE  
 340/10.1 .Interrogation response  
 340/10.3 ..Interrogation signal detail

340/10.31      ...Individual call

Page 14



10796855\_CLSTITLES

340/500           CONDITION RESPONSIVE INDICATING SYSTEM

340/540           .Specific condition

340/541           ..Intrusion detection

340/551           ...Disturbance of magnetic field

2   340/568.1       (0 OR, 2 XR)

    Class   340 :   COMMUNICATIONS:   ELECTRICAL

    340/500       CONDITION RESPONSIVE INDICATING SYSTEM

    340/540       .Specific condition

    340/568.1     ..Article placement or removal (e.g.,  
                    anti-theft)

2   340/568.8       (0 OR, 2 XR)

    Class   340 :   COMMUNICATIONS:   ELECTRICAL

    340/500       CONDITION RESPONSIVE INDICATING SYSTEM

    340/540       .Specific condition

    340/568.1     ..Article placement or removal (e.g.,  
                    anti-theft)

    340/568.8     ...Article on pedestal, in display case, or  
                    mounted on wall (e.g., work of art)

2   340/573.1       (0 OR, 2 XR)

    Class   340 :   COMMUNICATIONS:   ELECTRICAL

    340/500       CONDITION RESPONSIVE INDICATING SYSTEM

    340/540       .Specific condition

    340/573.1     ..Human or animal

2   340/7.21        (0 OR, 2 XR)

    Class   340 :   COMMUNICATIONS:   ELECTRICAL

    340/825       SELECTIVE

    340/825.36     .Having indication or alarm (e.g., location  
                    indication)

    340/7.2        ..Code responsive (i.e., paging)

    340/7.21       ...Two-way paging

2   340/7.5         (0 OR, 2 XR)

    Class   340 :   COMMUNICATIONS:   ELECTRICAL

    340/825       SELECTIVE

    340/825.36     .Having indication or alarm (e.g., location  
                    indication)

    340/7.2        ..Code responsive (i.e., paging)

    340/7.5        ...Distress signal

2   340/825.37       (0 OR, 2 XR)

    Class   340 :   COMMUNICATIONS:   ELECTRICAL

    340/825       SELECTIVE

    340/825.36     .Having indication or alarm (e.g., location  
                    indication)

10796855\_CLSTITLES

340/825.37 ..Additional to other selective control

2 340/825.56 (0 OR, 2 XR)

Class 340 : COMMUNICATIONS: ELECTRICAL

340/825 SELECTIVE

340/825.56 .With multidigit encoder

2 340/870.03 (1 OR, 1 XR)

Class 340 : COMMUNICATIONS: ELECTRICAL

340/870.01 CONTINUOUSLY VARIABLE INDICATING (E.G.,  
TELEMETERING)

340/870.02 .With meter reading

340/870.03 ..Having plural transmitters

2 340/870.31 (1 OR, 1 XR)

Class 340 : COMMUNICATIONS: ELECTRICAL

340/870.01 CONTINUOUSLY VARIABLE INDICATING (E.G.,  
TELEMETERING)

340/870.3 .With particular transmitter (e.g.,  
piezoelectric, dynamo)

340/870.31 ..Inductive transmitter

2 340/904 (0 OR, 2 XR)

Class 340 : COMMUNICATIONS: ELECTRICAL

340/901 EXTERNAL CONDITION VEHICLE-MOUNTED INDICATOR O

R

ALARM

340/904 .Transmitter in one vehicle only

2 340/905 (1 OR, 1 XR)

Class 340 : COMMUNICATIONS: ELECTRICAL

340/901 EXTERNAL CONDITION VEHICLE-MOUNTED INDICATOR O

R

ALARM

340/905 .Highway information (e.g., weather, speed  
limits, etc.)

2 340/961 (1 OR, 1 XR)

Class 340 : COMMUNICATIONS: ELECTRICAL

340/945 AIRCRAFT ALARM OR INDICATING SYSTEMS

340/961 .Potential collision with other aircraft

2 341/176 (0 OR, 2 XR)

Class 341 : CODED DATA GENERATION OR CONVERSION

341/173 CODE GENERATOR OR TRANSMITTER

341/176 .Transmitter for remote control signal

2 342/116 (0 OR, 2 XR)

10796855\_CLSTITLES  
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS  
 AND DEVICES  
 342/104 DETERMINING VELOCITY  
 342/116 .With plural received frequency band separatio

n

- 2 342/145 (0 OR, 2 XR)  
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS  
 AND DEVICES  
 342/118 DETERMINING DISTANCE  
 342/145 .With correlation
- 2 342/149 (1 OR, 1 XR)  
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS  
 AND DEVICES  
 342/147 DETERMINING DIRECTION  
 342/149 .Monopulse
- 2 342/169 (0 OR, 2 XR)  
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS  
 AND DEVICES  
 342/165 TESTING OR CALIBRATING OF RADAR SYSTEM  
 342/169 .By simulation
- 2 342/198 (0 OR, 2 XR)  
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS  
 AND DEVICES  
 342/175 WITH PARTICULAR CIRCUIT  
 342/198 .For receiver protection
- 2 342/28 (2 OR, 0 XR)  
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS  
 AND DEVICES  
 342/27 PRESENCE DETECTION ONLY  
 342/28 .By motion detection
- 2 342/357.1 (0 OR, 2 XR)  
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS  
 AND DEVICES  
 342/350 DIRECTIVE  
 342/352 .Including a satellite  
 342/357.01 ..With position indicating  
 342/357.06 ...Using Global Positioning Satellite (GPS or  
 Glonass)  
 342/357.1 ....Combined with telecommunication
- 2 342/372 (0 OR, 2 XR)

10796855\_CLSTITLES

Class	342	:	COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
342/350			DIRECTIVE
342/368			.Including a steerable array
342/371			..With electronic scanning
342/372			...Controlled

  

2	342/374		(1 OR, 1 XR)	
	Class	342	:	COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
	342/350			DIRECTIVE
	342/368			.Including a steerable array
	342/374			..With a switch

  

2	342/399		(2 OR, 0 XR)	
	Class	342	:	COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
	342/350			DIRECTIVE
	342/385			.Beacon or receiver
	342/386			..With transmisson of bearing or position determinative signals
	342/399			...Tacan

  

2	342/417		(1 OR, 1 XR)	
	Class	342	:	COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
	342/350			DIRECTIVE
	342/385			.Beacon or receiver
	342/417			..Direction-finding receiver only

  

2	342/432		(0 OR, 2 XR)	
	Class	342	:	COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
	342/350			DIRECTIVE
	342/385			.Beacon or receiver
	342/417			..Direction-finding receiver only
	342/432			...With plural fixed antenna pattern comparing

  

2	342/450		(2 OR, 0 XR)	
	Class	342	:	COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
	342/350			DIRECTIVE
	342/450			.Position indicating (e.g., triangulation)

  

2	342/453		(1 OR, 1 XR)	
	Class	342	:	COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES

10796855\_CLSTITLES

	342/350	DIRECTIVE
	342/450	.Position indicating (e.g., triangulation)
	342/453	..By deflected or repeated signal
2	342/456	(0 OR, 2 XR)
	Class 342	: COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
	342/350	DIRECTIVE
	342/450	.Position indicating (e.g., triangulation)
	342/454	..Traffic
	342/456	...Having traffic control
2	342/458	(0 OR, 2 XR)
	Class 342	: COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
	342/350	DIRECTIVE
	342/450	.Position indicating (e.g., triangulation)
	342/458	..Distance
2	342/465	(0 OR, 2 XR)
	Class 342	: COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
	342/350	DIRECTIVE
	342/450	.Position indicating (e.g., triangulation)
	342/463	..Having plural transmitters or receivers
	342/465	...Plural receivers only
2	342/58	(0 OR, 2 XR)
	Class 342	: COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
	342/52	COMBINED WITH DIVERSE TYPE RADIANT ENERGY SYSTEM
	342/58	.With transmission to a remote station
2	342/59	(0 OR, 2 XR)
	Class 342	: COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
	342/59	PLURAL RADAR
2	342/6	(0 OR, 2 XR)
	Class 342	: COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
	342/5	RADAR REFLECTOR
	342/6	.With modulation
2	342/89	(0 OR, 2 XR)
	Class 342	: COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES

10796855\_CLSTITLES

342/73	RETURN SIGNAL CONTROLS RADAR SYSTEM
342/89	.Receiver
2 342/97	(1 OR, 1 XR)
Class 342	: COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
342/73	RETURN SIGNAL CONTROLS RADAR SYSTEM
342/89	.Receiver
342/94	..Gating
342/95	...Automatic range tracking
342/97	....With automatic lock-on
2 343/719	(0 OR, 2 XR)
Class 343	: COMMUNICATIONS: RADIO WAVE ANTENNAS
343/700R	ANTENNAS
343/719	.Buried underground or submerged under water
2 343/725	(1 OR, 1 XR)
Class 343	: COMMUNICATIONS: RADIO WAVE ANTENNAS
343/700R	ANTENNAS
343/725	.Plural separate diverse type
2 343/741	(0 OR, 2 XR)
Class 343	: COMMUNICATIONS: RADIO WAVE ANTENNAS
343/700R	ANTENNAS
343/741	.High frequency type loops
2 343/786	(2 OR, 0 XR)
Class 343	: COMMUNICATIONS: RADIO WAVE ANTENNAS
343/700R	ANTENNAS
343/772	.Wave guide type (e.g., horn)
343/786	..With horn
2 343/788	(1 OR, 1 XR)
Class 343	: COMMUNICATIONS: RADIO WAVE ANTENNAS
343/700R	ANTENNAS
343/787	.Including magnetic material
343/788	..Loop type
2 343/833	(1 OR, 1 XR)
Class 343	: COMMUNICATIONS: RADIO WAVE ANTENNAS
343/700R	ANTENNAS
343/833	.Antenna with parasitic director
2 343/853	(0 OR, 2 XR)
Class 343	: COMMUNICATIONS: RADIO WAVE ANTENNAS
343/700R	ANTENNAS
343/850	.With coupling network or impedance in the

10796855\_CLSTITLES

    leadin

343/853           ..With plural antennas

2 343/860           (0 OR, 2 XR)

    Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS

343/700R          ANTENNAS

343/850           ..With coupling network or impedance in the  
                  leadin

343/860           ..Impedance matching network

2 343/865           (0 OR, 2 XR)

    Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS

343/700R          ANTENNAS

343/850           ..With coupling network or impedance in the  
                  leadin

343/865           ..Balanced coupling network to balanced antenn

a

2 343/873           (0 OR, 2 XR)

    Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS

343/700R          ANTENNAS

343/872           ..With housing or protective covering

343/873           ..Antenna embedded, potted, or coated

2 343/876           (0 OR, 2 XR)

    Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS

343/700R          ANTENNAS

343/876           ..Switching between antennas and lines

2 346/14MR          (0 OR, 2 XR)

    Class 346 : RECORDERS

346/14R           COMBINED WITH NON-RECORDING REGISTER

346/14MR          ..Meter reading

2 361/172           (0 OR, 2 XR)

    Class 361 : ELECTRICITY: ELECTRICAL SYSTEMS AND DEVICES

361/139           CONTROL CIRCUITS FOR ELECTROMAGNETIC DEVICES

361/160           ..For relays or solenoids

361/170           ..Condition responsive (e.g., external circuit  
                  condition)

361/171           ...Code responsive

361/172           ....Including electronic element

2 367/86            (0 OR, 2 XR)

    Class 367 : COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE  
                  SYSTEMS AND DEVICES

10796855\_CLSTITLES

367/86                   BOREHOLE TESTING

2   375/267           (0 OR, 2 XR)  
       Class   375 :   PULSE OR DIGITAL COMMUNICATIONS  
       375/259           SYSTEMS USING ALTERNATING OR PULSATING CURRENT

      375/260           .Plural channels for transmission of a single  
                           pulse train

      375/267           ..Diversity

2   375/347           (1 OR, 1 XR)  
       Class   375 :   PULSE OR DIGITAL COMMUNICATIONS  
       375/316           RECEIVERS  
       375/346           .Interference or noise reduction  
       375/347           ..Diversity (frequency or time)

2   380/258           (0 OR, 2 XR)  
       Class   380 :   CRYPTOGRAPHY  
       380/255           COMMUNICATION SYSTEM USING CRYPTOGRAPHY  
       380/258           .Position dependent or authenticating

2   398/106           (0 OR, 2 XR)  
       Class   398 :   OPTICAL COMMUNICATIONS  
       398/106           REMOTE CONTROL

2   398/170           (0 OR, 2 XR)  
       Class   398 :   OPTICAL COMMUNICATIONS  
       398/140           TRANSMITTER AND RECEIVER SYSTEM  
       398/170           .Retroreflection

2   455/103           (0 OR, 2 XR)  
       Class   455 :   TELECOMMUNICATIONS  
       455/91           TRANSMITTER  
       455/103           .Plural separate transmitters or channels

2   455/106           (0 OR, 2 XR)  
       Class   455 :   TELECOMMUNICATIONS  
       455/91           TRANSMITTER  
       455/106           .Modulation by absorption, shielding, or  
                           reflecting

2   455/137           (0 OR, 2 XR)  
       Class   455 :   TELECOMMUNICATIONS  
       455/130           RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY  
                           CONVERTER  
       455/132           .Plural receivers  
       455/137           ..With output combining



10796855\_CLSTITLES

2 455/61 (0 OR, 2 XR)  
     Class 455 : TELECOMMUNICATIONS  
     455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS  
     455/61 .Single message via plural modulation of single  
                     carrier

2 455/78 (0 OR, 2 XR)  
     Class 455 : TELECOMMUNICATIONS  
     455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.  
                     TRANSCEIVER)  
     455/78 .With transmitter-receiver switching or  
                     interaction prevention

2 700/9 (1 OR, 1 XR)  
     Class 700 : DATA PROCESSING: GENERIC CONTROL SYSTEMS OR  
                     SPECIFIC APPLICATIONS  
     700/1 GENERIC CONTROL SYSTEM, APPARATUS OR PROCESS  
     700/9 .Supervisory control

2 701/207 (1 OR, 1 XR)  
     Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND  
                     RELATIVE LOCATION  
     701/200 NAVIGATION  
     701/207 .Employing position determining equipment

2 701/213 (0 OR, 2 XR)  
     Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND  
                     RELATIVE LOCATION  
     701/200 NAVIGATION  
     701/207 .Employing position determining equipment  
     701/213 ..Using Global Positioning System (GPS)

2 701/215 (0 OR, 2 XR)  
     Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND  
                     RELATIVE LOCATION  
     701/200 NAVIGATION  
     701/207 .Employing position determining equipment  
     701/213 ..Using Global Positioning System (GPS)  
     701/214 ...Means to improve accuracy of position or  
                     location  
     701/215 ....Having multiple GPS antennas or receivers  
                     (e.g., differential GPS)

2 701/217 (0 OR, 2 XR)  
     Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND

		10796855_CLSTITLES
		RELATIVE LOCATION
	701/200	NAVIGATION
	701/207	.Employing position determining equipment
	701/217	..Using dead-reckoning apparatus
2	968/DIG 1	(0 OR, 2 XR)
	Class 968 :	HOROLOGY
	968/DIG 1	PAPER COPIES IN NUMERICAL ORDER OF ALL U.S.
		PATENTS IN SUBCLASSES 2-977

able 2  
about 5  
above 9  
abstract 1  
accidental 1  
according 14  
accurate 2  
active 4  
activities 2  
activity 1  
actual 1  
acute 1  
adapted 1  
added 1  
adding 2  
additional 2  
advantageous 1  
advantages 1  
aerial 5  
aether 1  
af 1  
afi 2  
after 2  
again 1  
air 2  
airplane 2  
airplanes 2  
all 17  
allow 3  
allowing 2  
allows 1  
along 1  
also 20  
although 3  
always 1  
amount 1  
amplifies 1  
amplifier 2  
amplitude 1  
an 67  
and 158  
angle 8  
angular 2  
another 17  
antenna 28  
antennas 52  
antherma 6  
anthermas 9

antexma 1  
antexmas 2  
antezma 3  
antezmas 5  
antpnna 1  
anv 1  
any 4  
apparatqs 1  
apparatus 65  
apparatuses 10  
apparent 1  
appearance 1  
applicable 2  
application 1  
applications 7  
applied 4  
applies 3  
apply 2  
applying 2  
arcsin 2  
are 52  
area 13  
arer 1  
armed 2  
arranged 1  
arrangement 2  
arrival 10  
arrivals 1  
arrive 1  
arrives 3  
art 5  
as 38  
aspect 1  
aspects 1  
assembled 1  
assigned 2  
assllmes 1  
assumed 4  
assumes 1  
assuming 4  
at 41  
ates 1  
atly 1  
atmospheric 1  
away 4  
azimuth 10  
backround 1  
band 7

bands 1  
bandwidth 2  
bank 3  
base 1  
based 5  
basic 1  
battle 2  
battlefield 1  
battlefield 13  
battleleld 4  
battleseld 1  
bawlefvld 1  
be 35  
beacon 1  
beam 3  
become 1  
been 4  
before 2  
begins 1  
being 1  
below 1  
benm 1  
best 1  
better 3  
between 34  
bi 1  
block 2  
bpt 1  
brief 1  
broad 1  
but 4  
by 70  
caf 2  
calculate 3  
calculated 4  
calculates 1  
calculating 4  
calculation 2  
calling 1  
can 20  
cannot 1  
canying 1  
capability 1  
capable 2  
carmot 1  
carried 2  
carries 2  
carry 1

case 12  
cases 6  
categories 1  
cause 2  
center 4  
central 1  
certainty 3  
ch 2  
characteristics 1  
charge 1  
charged 1  
charges 1  
charging 4  
check 1  
checked 1  
checking 2  
checks 1  
checlting 1  
cirt 1  
circuitry 1  
civilian 2  
clear 1  
cles 3  
clisplay 1  
clistinguished 1  
close 1  
closed 1  
cm 3  
cnrries 1  
code 16  
coded 17  
codes 6  
coming 3  
common 1  
commtmication 1  
communication 3  
communications 2  
comparable 1  
comparatively 1  
compares 2  
comparing 2  
comparison 1  
complicated 3  
comprise 1  
comprises 11  
comprising 1  
concealed 1  
conditions 8

cone 1  
cones 7  
conical 1  
connecting 4  
consideration 1  
considers 1  
constant 1  
contains 1  
continuously 1  
contrast 1  
control 1  
conventional 1  
conveyed 3  
conveying 2  
conveys 1  
correlation 1  
corresponding 4  
corresponds 1  
cos 1  
cosp 1  
coss 1  
cover 3  
covered 1  
covertness 5  
create 1  
creation 2  
critical 1  
ct 1  
current 2  
cycle 2  
cycles 2  
data 3  
daylight 1  
deals 1  
decoded 2  
decoder 9  
decoding 4  
defined 1  
defiz 1  
defned 1  
degree 1  
delay 2  
delayed 1  
delays 2  
density 1  
depending 1  
depends 1  
described 2

description 3  
design 1  
designed 1  
desired 1  
detailed 1  
detected 1  
detection 3  
detector 1  
detects 1  
determining 1  
determining 1  
determination 6  
determine 8  
determined 9  
determines 2  
determining 12  
determining 1  
diagram 2  
dif 3  
differences 1  
different 2  
differentiated 1  
difficult 2  
difl 1  
difflbrenes 2  
difflbrent 1  
diffrerence 2  
diffrerences 2  
diffrerent 3  
diffrerentiate 1  
diocult 1  
directing 1  
direction 26  
directional 14  
directionally 1  
discharging 1  
disclose 1  
discussed 1  
displayed 1  
dispose 1  
disposed 10  
distance 11  
distin 1  
distinct 2  
distinguish 1  
distinguishing 1  
distmbances 1  
disturbances 1



do 2  
docket 1  
does 5  
domain 1  
drawback 1  
drawings 1  
drawinzs 1  
due 3  
duration 7  
during 4  
dust 1  
each 33  
eceived 1  
eflbrts 1  
either 3  
eld 1  
electromagnetic 1  
electroriic 1  
embodiment 18  
embodiments 1  
emboiment 1  
enable 1  
enables 3  
encoder 5  
enemy 2  
enough 1  
entity 1  
environment 2  
environmental 1  
equilateral 1  
er 1  
erroneously 1  
errors 1  
especially 1  
essential 3  
essentially 4  
ev 1  
evaluating 1  
even 1  
exact 2  
example 17  
exemplary 2  
exist 2  
existence 1  
existing 1  
exists 1  
exnmple 1  
explanation 1

exposed 1  
express 1  
external 1  
ezst 1  
fa 1  
false 2  
falsely 1  
far 1  
fast 2  
few 2  
field 1  
fig 24  
find 4  
finding 1  
firing 2  
first 13  
fl 1  
flow 1  
flying 1  
fm 1  
fmax 1  
foe 3  
foes 3  
fog 1  
following 3  
for 81  
forces 24  
form 3  
formed 1  
forming 8  
found 2  
four 4  
fourth 1  
fr 2  
freauencv 1  
frequencies 4  
frequency 6  
frequently 2  
friend 7  
friendly 3  
friends 7  
friendlyoe 1  
frientlly 1  
from 36  
front 8  
fs 1  
fulfilling 1  
function 1

further 3  
furthermore 4  
general 2  
generally 11  
getting 4  
gher 1  
ghz 3  
gilllllminates 1  
giving 1  
good 4  
gps 4  
greater 1  
grotmd 2  
ground 15  
hard 1  
has 5  
have 9  
having 5  
helmet 8  
help 1  
hereinafter 1  
high 3  
higher 1  
himself 1  
how 4  
however 7  
human 1  
ich 1  
identification 5  
identified 2  
identifies 2  
identifwng 1  
identify 5  
identifying 7  
identilcation 2  
identiscation 1  
identity 5  
if 6  
iff 30  
ignored 1  
ih 1  
ii 1  
iiferences 1  
iiferent 1  
iii 1  
iirectional 1  
iisclosed 1  
iistance 1

iivided 1  
ijwb 2  
illustrates 10  
immuitv 1  
immune 2  
imormation 1  
impoaant 1  
importance 2  
important 4  
impossible 1  
in 127  
inc 1  
include 1  
included 2  
independently 1  
indicated 4  
indicates 6  
indicating 1  
infantr 1  
infantry 10  
information 2  
infrared 1  
inicated 1  
initiate 1  
initiates 1  
installed 1  
inted 1  
integration 1  
intenmpting 1  
intentional 1  
interest 4  
interferences 1  
interroeation 2  
interrog 1  
interrogated 32  
interrogates 1  
interrogating 50  
interrogation 12  
interrogations 2  
interrogator 6  
interrogators 2  
interrupting 1  
into 4  
invention 49  
invgnerable 1  
involves 1  
involving 1  
invulnerable 1

ion 1  
ique 1  
is 167  
ishing 1  
issue 1  
issued 1  
isturbances 1  
it 31  
its 8  
itself 1  
iwb 1  
jamminz 1  
kbi 1  
kept 1  
kilometers 1  
kkm 1  
knowledge 1  
known 9  
krst 1  
label 1  
large 4  
laser 1  
least 13  
lengthen 1  
less 2  
level 9  
lf 3  
lies 1  
light 3  
limitations 1  
limited 3  
line 14  
lines 1  
linked 1  
list 1  
little 1  
lligh 1  
llightly 1  
llis 1  
ln 7  
lnscc 1  
lnsec 2  
locate 2  
located 4  
locating 6  
location 26  
locations 8  
long 1

longer 2  
looks 1  
losses 1  
low 4  
lrst 4  
lrzsec 1  
lt 3  
lts 1  
made 5  
main 1  
man 1  
manner 3  
many 4  
masking 3  
matching 2  
max 1  
maximum 2  
may 12  
mazmers 1  
means 6  
measure 2  
measured 1  
measures 1  
measuring 2  
medillm 1  
meters 2  
method 4  
mhz 5  
microwave 1  
might 1  
military 1  
millimetric 2  
mind 1  
mistakes 1  
miztimllm 1  
mlmber 1  
mobile 1  
mode 13  
modes 3  
module 12  
mono 1  
monocycle 1  
more 13  
most 4  
mostly 1  
move 1  
movement 1  
mternatively 1

much 2  
must 1  
nal 2  
narrow 4  
nature 1  
navigation 1  
navy 1  
necessary 2  
need 2  
needed 3  
nighttime 1  
nmplified 1  
no 4  
noise 4  
noisy 1  
non 1  
not 18  
noted 2  
now 1  
number 5  
numeral 1  
object 16  
objectives 1  
objects 4  
obtain 2  
obtained 2  
obtaining 2  
obviously 2  
of 323  
omni 6  
omz 1  
on 30  
one 37  
only 10  
operate 4  
operated 1  
operates 3  
operating 5  
operation 15  
operations 4  
opposite 1  
optical 1  
or 36  
order 12  
other 21  
others 2  
out 1  
outer 1

over 1  
page 25  
partictzlarly 1  
particular 1  
particularly 14  
pass 2  
passes 3  
passive 2  
patents 1  
perform 2  
performing 3  
performs 1  
period 2  
periphery 1  
personal 1  
planar 1  
plane 2  
plurality 9  
polarity 1  
poor 1  
portion 2  
position 2  
positioned 5  
positioning 4  
positions 1  
possible 7  
power 5  
poz 1  
pre 2  
predefined 1  
predefmed 1  
predelned 3  
preferable 4  
preferably 15  
preferred 1  
present 14  
printed 1  
prior 4  
probability 1  
problem 3  
proc 2  
procedlzre 1  
procedtlre 1  
procedure 1  
proceeds 1  
process 3  
processed 1  
processing 14



produce 2  
produced 1  
producing 2  
properly 1  
property 1  
protocolf 1  
provide 9  
provided 7  
provides 6  
providing 2  
proximity 1  
public 1  
pulse 45  
pulses 27  
ra 2  
radar 8  
rain 1  
raised 1  
range 27  
ranges 6  
ranging 1  
ranze 1  
re 1  
reach 1  
reaching 1  
reason 2  
reasonable 1  
receipt 9  
receive 2  
received 24  
receiver 9  
receivers 7  
receives 4  
receiving 64  
reception 5  
recovery 1  
rection 1  
reduced 1  
reduction 1  
reflecting 1  
reflections 3  
regarding 3  
relate 1  
relates 5  
relation 1  
relative 5  
relatively 5  
relevant 1

rence 2  
rences 2  
request 2  
require 7  
required 6  
requirement 1  
requirements 1  
requires 2  
resolution 12  
resolve 2  
resolving 1  
respect 7  
respectively 3  
respond 2  
responder 1  
responders 4  
responding 16  
responds 5  
response 39  
responses 2  
result 1  
resulted 1  
resulting 1  
reveal 1  
rf 1  
rindicates 1  
rising 4  
rough 2  
route 2  
said 30  
sake 1  
same 16  
sample 1  
satisfactory 2  
scanning 1  
scc 1  
second 5  
sending 2  
sends 2  
sensitive 1  
sent 5  
separate 2  
separately 1  
sequence 16  
series 7  
serious 1  
several 3  
short 5

shorter 1  
shortest 2  
should 4  
shown 5  
shows 4  
sig 2  
sight 3  
signal 73  
signall 2  
signals 17  
signature 1  
significant 2  
signiscant 1  
similar 3  
simplicity 1  
since 1  
single 2  
situation 3  
slightly 1  
smoke 1  
so 1  
sol 1  
soldier 10  
soldiers 2  
solutions 2  
solve 1  
some 6  
sources 1  
space 1  
spatial 1  
specifc 1  
specific 3  
specifically 1  
specilc 1  
specisc 1  
spectnzm 1  
spectral 1  
spectrllm 1  
spectrum 9  
speed 3  
spread 6  
sring 1  
srst 1  
stance 1  
standard 1  
starts 1  
station 4  
stations 10

step 1  
steps 1  
still 7  
stored 4  
straight 4  
structtzre 1  
structure 5  
such 13  
sufer 1  
summarv 1  
suoce 1  
surface 1  
surrounding 1  
surroundings 1  
survival 1  
svstem 2  
svstems 1  
sw 1  
switch 2  
symmetry 1  
system 31  
systems 23  
target 2  
targets 1  
tch 1  
technology 1  
teclmology 1  
term 1  
terrain 6  
than 3  
thanks 1  
that 42  
the 669  
their 4  
them 6  
then 7  
there 7  
thereby 1  
therefore 15  
these 6  
they 1  
third 3  
this 18  
three 21  
threshold 3  
through 1  
time 33  
times 1

timing 18  
ting 1  
tion 1  
tips 2  
tl 1  
tltird 1  
tlreshold 1  
tmit 1  
tmtil 1  
to 174  
top 2  
total 1  
tproc 2  
tq 1  
tr 1  
track. 1  
tracking 2  
transfer 1  
transferred 2  
transfers 1  
transmission 18  
transmissions 1  
transmissioroeception 1  
transmit 2  
transmits 2  
transmitted 8  
transmitter 13  
transmitting 35  
transponder 41  
travel 1  
traveled 1  
travelers 1  
travels 1  
triangle 4  
tries 1  
try 1  
tu 1  
turn 1  
tw 1  
two 32  
type 2  
tz 2  
ular 1  
ultra 1  
uncertainty 6  
under 3  
undesirable 1  
unequivocal 1

unique 3  
unit 2  
units 1  
until 3  
up 3  
updates 1  
upon 6  
ur 1  
us 7  
use 7  
used 13  
useful 1  
uses 1  
using 2  
utmost 1  
uwb 34  
vector 10  
vehicle 21  
vehicles 7  
vehicular 3  
vel 3  
vellicle 1  
verj 1  
versa 1  
very 14  
vez 1  
via 4  
vice 1  
view 2  
visibility 3  
visual 1  
vulnerable 5  
wave 8  
waves 2  
way 1  
ways 1  
weather 2  
well 2  
were 1  
when 14  
whenever 3  
wherein 8  
whether 4  
which 34  
while 3  
who 2  
wide 7  
will 5

10796855\_WDS

wire 1  
wishes 1  
with 28  
within 6  
witl 2  
wl 3  
wllich 1  
wltich 1  
xs 1  
years 2  
zero 1  
zone 1  
zsc 1